

## ABSTRACT OF THE DISCLOSURE

Sub 9.17 The present invention relates to a paper processing device that discriminates papers such as bills and the like while transferring, and changes the transfer routes of the papers according to the discriminating result, and more particularly to a device that is built in an automatic teller machine (hereinafter shortly referred to as "ATM") that carries out transactions such as receipt of money, payment of money and the similar, and thereby processes bills, and aims at reducing the number of stop failures, and at detection of paper powder at a level that does not cause any transfer trouble, transfers bills as they are, and handles those bills that have been transferred until paper powder is removed in the same manner as for abnormally shaped bills.